

STEREO MOC Status Report
Time Period: 2007:316 - 2007:322

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On DOY 317, at 2224Z during DSS 34 support, the RNS/CDR experienced an equipment problem. No data STEREO data was lost. See DR #N104628 for more information.
- On DOY 320, at 1741Z during DSS 25 support, a DSN central LAN switch failed. Aborted CDR files were transmitted manually. No data STEREO data was lost. See DR #N104637 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 7.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 317, during DSS-45 Return to Service Engineering Demo track, BOT started four minutes late due to a New Horizons safe mode. The late start resulted in a gap in G&C Black box data due to the sweeping the uplink while S/C only SSR playback was in progress. At 0554Z, the transmitter tripped off due to Open Interlock Alarm. The station declared the transmitter red for the remaining of the track which resulted in some SECCHI science data gaps. See DR# C105982 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 8.3 Gbits during this week.